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May 24, 2006

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Art Unit 2817

Attn: Certificate of Correction Branch

Re: U.S. Patent No. 7,019,598 B2

Issued: March 28, 2006

For: Integrated VCO Having An Improved Tuning Range Over Process  
And Temperature Variations

Inventors: Duncan *et al.*

Our Ref: 1875.138000F

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Credit Card Payment Form (PTO-2038) in the amount of \$100.00 to cover:  
\$100.00 for Certificate of Correction fee (under 37 C.F.R. § 1.20(a));
2. Request for Certificate of Correction Under 37 C.F.R. §§ 1.322 and 1.323;
3. Certificate of Correction (Form PTO/SB/44); and
4. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

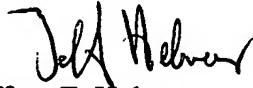
Certificate  
MAY 30 2006  
of Correction

Commissioner for Patents  
May 24, 2006  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
Jeffrey T. Helvey  
Attorney for Patentees  
Registration No. 44,757

Enclosures

JTH/agj  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of:

Duncan *et al.*

Patent. No.: 7,019,598 B2

Issued: March 28, 2006

For: **Integrated VCO Having An Improved Tuning Range Over Process And Temperature Variations**

Confirmation No.: 7309

Art Unit: 2817

Examiner: Mis, David C.

Atty. Docket: 1875.138000F

**Request for Certificate of Correction  
Under 37 C.F.R. §§ 1.322 and 1.323**

*Attn: Certificate of Correction Branch*

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

It is hereby requested that a Certificate of Correction under 37 C.F.R. §§ 1.322 and 1.323 be issued for the above-captioned United States Patent. This Certificate of Correction is being requested due to mistakes which appear in the printed patent. These mistakes were made by both the U.S. Patent and Trademark Office and by Applicants. The mistakes made by Applicants are of a clerical or typographical nature, or of a minor character. Patentees submit that correction of these errors does not introduce new matter.

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**MAY 30 2006**

Specifically, the printed patent contains the following errors for which a Certificate of Correction is respectfully requested:

In column 31, line 49, "1250M-50M-(5/4\*924.8M)44M" should be replaced with --1250M-50M-(5/4\*924.8M) = 44M--. Support for this correction can be found in the specification on page 61. This is a PTO error.

In column 35, lines 64 and 64, "(C<sub>2</sub>" should be replaced with --(C<sub>2</sub>)--, and "(C<sub>1</sub>)" should be replaced with --(C<sub>1</sub>)--. Support for this correction can be found in the specification on page 69. This is an Applicant error.

In column 46, line 37, "a<sub>6</sub>v<sub>i</sub><sup>6</sup>+" should be replaced with -- a<sub>6</sub>v<sub>i</sub><sup>6</sup>+.....--. Support for this correction can be found in the specification on page 89. This is a PTO error.

In column 53, lines 11-16 (in equation 7.21), the 4 occurrences of " $\Delta V_i + V_{os}$ " should be replaced with -- $\Delta V_i - V_{os}$ --. Support for this correction can be found in the specification on page 101. This is a PTO error.

In column 53, line 63, " $V_{gt}^{M3,4} \approx V_{gt}^{M1,2}/2V_{os} \approx V_{gt}^{M3,4}/3$ " should be replaced with -- $V_{gt}^{M3,4} \approx V_{gt}^{M1,2}/2$        $V_{os} \approx V_{gt}^{M3,4}/3$ --. Support for this correction can be found in the specification on page 103. This is a PTO error.

***Remarks***

The above-noted corrections do not involve such changes in the patent as would constitute new matter or would require reexamination.

A completed Form PTO/SB/44 accompanies this request, with the above-noted corrections printed thereon. Accordingly, a Certificate of Correction is believed proper and issuance thereof is respectfully requested.

This request is accompanied by payment of the fee set forth in 37 C.F.R. § 1.20(a). Fee payment is provided in the attached Credit Card Payment Form (PTO-2038). The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
Jeffrey T. Helvey  
Attorney for Patentees  
Registration No. 44,757

Date: 5/24/06

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MAY 30 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO: 7,019,598 B2

DATED: March 28, 2006

INVENTOR(S): Duncan *et al.*

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

In column 31, line 49, "1250M-50M-(5/4\*924.8M)44M" should be replaced with --1250M-50M-(5/4\*924.8M) = 44M--.

In column 35, lines 64 and 64, "(C<sub>2</sub>)" should be replaced with --(C<sub>2</sub>)--, and "(C<sub>1</sub>)" should be replaced with --(C<sub>1</sub>)--.

In column 46, line 37, "a<sub>6</sub>v<sub>i</sub><sup>6</sup>+" should be replaced with -- a<sub>6</sub>v<sub>i</sub><sup>6</sup>+. . . . .--.

In column 53, lines 11-16 (in equation 7.21), the 4 occurrences of "ΔV<sub>i</sub> + V<sub>os</sub>" should be replaced with --ΔV<sub>i</sub> - V<sub>os</sub>--.

In column 53, line 63, "V<sub>gt</sub><sup>M3,4</sup> ≈ V<sub>gt</sub><sup>M1,2</sup>/2V<sub>os</sub> ≈ V<sub>gt</sub><sup>M3,4</sup>/3" should be replaced with --V<sub>gt</sub><sup>M3,4</sup> ≈ V<sub>gt</sub><sup>M1,2</sup>/2 V<sub>os</sub> ≈ V<sub>gt</sub><sup>M3,4</sup>/3--.

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

1100 New York Avenue, NW  
Washington DC 20005-3934  
Atty. Dkt. No. 1875.138000F

This collection of information is required by 37 CFR 1.322, 1.323 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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MAY 30 2006